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- (71) Applicants (*for all designated States except US*): BAYLOR COLLEGE OF MEDICINE [US/US]; One Baylor Plaza, Houston, TX 77030 (US). OPEXA PHARMACEUTICALS INC. [US/US]; 835 Green Parkway, Suite 150, Houston, TX 77067 (US).
- (72) Inventor; and
- (75) Inventor/Applicant (*for US only*): ZHANG, Jingwu, Z. [US/US]; 2219 Parkview Lane, Missouri City, TX 77459 (US).
- (74) Agents: CLOUGH, David, W. et al.; Katten Muchin Zavis Rosenman, 525 W. Monroe Street, Suite 1600, Chicago, IL 60661-3693 (US).
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(54) Title: T CELL RECEPTOR CDR3 SEQUENCES AND METHODS FOR DETECTION

(57) Abstract: The present invention relates generally to the field of treating autoimmune diseases, such as multiple sclerosis (MS), rheumatoid arthritis (RA) and others. Methods of treating and monitoring an autoimmune disease by utilizing T-cell receptors peptides are disclosed. Nucleic acid and peptide sequences of T-cell receptors found in a population of MS patients are also disclosed.